

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5+refs

Application Number

10/622,160

Filing Date

July 16, 2003

First Named Inventor

Spindler, Stephen R.

Art Unit

1618

Examiner Name

Dameron L. Jones

Attorney Docket Number

023070-144900US

## ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board of Appeals and Interferences



Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify below):

Return Postcard; copies of references C1-C7



Certified Copy of Priority Document(s)



Reply to Missing Parts/ Incomplete Application



Reply to Missing Parts under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Jean M. Lockyer, Ph.D.

Date

August (10), 2007

Reg. No.

44,879

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Mark T. Davis

Date

August (10), 2007

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# **FREE TRANSMITTAL** **For FY 2007**

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 180

**Complete if Known**

Application Number	10/622,160
Filing Date	July 16, 2003
First Named Inventor	Spindler, Stephen R.
Examiner Name	Dameron L. Jones
Art Unit	1618
Attorney Docket No.	02307O-144900US

**METHOD OF PAYMENT** (check all that apply)

☐ Check   ☐ Credit Card   ☐ Money Order   ☐ None   ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account   Deposit Account Number: 20-1430   Deposit Account Name: Townsend and Townsend and Cr w LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below   ☐ Charge fee(s) indicated below, **except for the filing fee**  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17   ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**
**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

	Small Entity
Fee (\$)	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

**Total Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**  
-20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**  
-3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**   **Extra Sheets**   **Number of each additional 50 or fraction thereof**   **Fee (\$)**   **Fee Paid (\$)**  
\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Stmt
**Fees Paid (\$)**

180

**SUBMITTED BY**

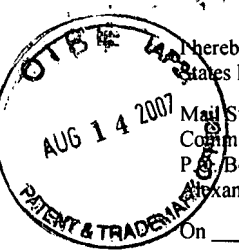
Signature

Registration No. 44,879  
(Attorney/Agent)

Telephone 415-576-0200

Name (Print/Type) Jean M. Lockyer, Ph.D.

Date August ( / 0 ), 2007



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On

August 10, 2007

TOWNSEND and TOWNSEND and CREW LLP

By:

Mark T. Davis

PATENT  
Attorney Docket No.: 023070-144900US  
Client Reference No.: 2004-052-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen R. Spindler et al.

Application No.: 10/622,160

Filed: July 16, 2003

For: METHODS OF EVALUATING  
THE DYNAMICS OF CALORIC  
RESTRICTION AND IDENTIFYING  
CALORIC RESTRICTION MIMETICS

Examiner: Dameron L. Jones

Art Unit: 1618

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER  
37 CFR §1.97 and §1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. Also enclosed is a copy of the Search/Examination report corresponding to the European application.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

10622160

08/14/2007 EAYALEW1 00606050 201430

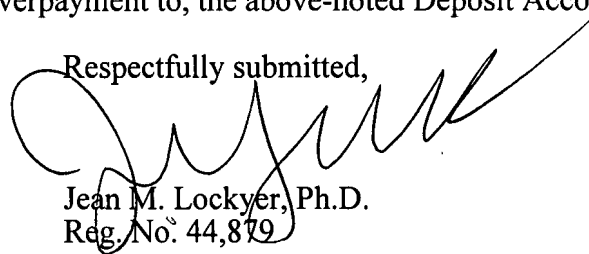
01 FC:1806 180.00 DA

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

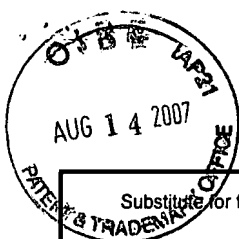
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Jean M. Lockyer, Ph.D.  
Reg. No. 44,879

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 415-576-0200  
Fax: 415-576-0300  
JML:mtd



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/622,160
				Filing Date	July 16, 2003
				First Named Inventor	Spindler, Stephen R.
				Art Unit	1618
				Examiner Name	Dameron L. Jones
Sheet	1	of	1	Attorney Docket Number	023070-144900US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	C1	WO	01/12851	A2	02-22-2001			<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C2	CHU, Kyo U. et al.; "Short-term caloric restriction augments age-related decreases in gastrin content and release"; 1996, <u>Mechanisms of Aging and Development</u> , Vol. 87, pp. 25-33.	<input type="checkbox"/>
	C3	DHAHBI, Joseph M. et al.; "Dietary Energy Tissue-Specifically Regulates Endoplasmic Reticulum Chaperone Gene Expression in the Liver of Mice"; 1997, <u>Journal of Nutrition</u> , pp. 1758-1764.	<input type="checkbox"/>
	C4	DORNER, H. et al.; "V <sup>+</sup> Fibronectin mRNA is increased in the brains of aged rats: effect of food restriction"; 1996, <u>Brain Research</u> , Vol. 726, pp. 198-206.	<input type="checkbox"/>
	C5	MOTE, Patricia L. et al.; "Influence of Age and Caloric Restriction on Expression of Hepatic Genes for Xenobiotic and Oxygen Metabolizing Enzymes in the Mouse"; 1991, <u>Journal of Gerontology</u> , Vol. 46, No. 3, pp. 95-100.	<input type="checkbox"/>
	C6	REED, M.J. et al.; "Enhanced cell proliferation and biosynthesis mediate improved wound repair in refed, caloric-restricted mice"; 1996, <u>Mechanisms of Ageing and Development</u> , Vol. 89, pp. 21-43.	<input type="checkbox"/>
	C7	TILLMAN, John B. et al.; "Dietary Calorie Restriction in Mice Induces Carbamyl Phosphate Synthetase I Gene Transcription Tissue Specifically"; 1996, <u>The Journal of Biological Chemistry</u> , Vol. 271, No. 7, pp. 3500-3506.	<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.